

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the Application. Deletions are ~~strikethrough~~ and additions are underlined.

Listing of Claims:

1. (Canceled)
2. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim 24, wherein the virus for immunological treatment and the oncolytic virus are selected from the group consisting of adenovirus, herpes virus, lentivirus, HIV virus, retrovirus, reovirus, vesicular stomatitis virus (VSV) and any other oncolytic virus.
3. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim 24, wherein the virus for immunological treatment is at least one virus selected from the group consisting of a non-proliferative virus type and/or an inactivated virus.
4. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim 24, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell,  $\alpha$ -human derived cancer cell, and  $\alpha$ -human normal cell.
5. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim 24, wherein the oncolytic virus to be infected to the carrier cell has a promoter selected from the group consisting of 1A1.3B promoter, midkine promoter,  $\beta$ -HCG promoter, SCCA1 promoter, cox-2 promoter, PSA promoter and a tumor specific promoter according to the type kind of cancer to be treated.

6. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to of~~ claim 24, further comprising:

(i). atelocollagen.

7. (Withdrawn - Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to of~~ claim 24, further comprising:

(i). a GM-CSF expression vector, which when grown with the carrier cell, the carrier cell becomes infected with the GM-CSF expression virus vector to be infected to the carrier cell before administration.

8. (Withdrawn - Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to of~~ claim 24, further comprising: at least one composition selected from the group consisting of,

(i). an iron preparation, and/or  
(ii). a porphyrin compound.

9. (Withdrawn - Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to of~~ claim 24, further comprising:

(i). a tumor cell, which is to be administered to the animal for tumor vaccination.

10. (Canceled)

11. (Currently amended) The method of cancer gene therapy ~~entie according to of~~ claim 25, wherein the period after from administering ~~ration~~ of the virus for immunological treatment to ~~administration of the carrier cell is set at~~ within the range of about two weeks to not more than 13 weeks.

12. (Currently amended) The method of cancer gene therapy ~~entitled according to~~ of claim 25, wherein the administration rate of the virus for immunological treatment is administered in an amount is set between about  $10^5$  viral particles and  $10^{11}$  viral particles to for a patient who is negative for the with-antibodies y-negative to the virus, and is administered in an amount between while it is set about  $10^7$  viral particles 0 viral particles or less for a patient who is positive for the with-antibodies y-positive to the virus.

13. (Withdrawn - Currently amended) The method of cancer gene therapy ~~entitled according to~~ of claim 25, wherein one administration rate of the oncolytic virus infected through the carrier cell delivers an amount of oncolytic virus is set between about  $10^9$  viral particles and  $10^{14}$  viral particles to the patient.

14. (Withdrawn - Currently amended) The method of cancer gene therapy ~~entitled according to~~ of claim 25, wherein the amount of infection of the oncolytic virus infected to the carrier cell has an amount of viral particles is set between about 0.1 viral particles/cell and 2,000 viral particles/cell.

15. (Currently amended) The method of cancer gene therapy ~~entitled according to~~ of claim 25, where the further comprising administering of the oncolytic virus infected carrier cell is by intratumor injection.

16. (Currently amended) The method of cancer gene therapy ~~entitled according to~~ of claim 25, further comprising: administering rating-atelocollagen together with the oncolytic virus infected carrier cell in step (d).

17. (Withdrawn - Currently amended) The method of cancer gene therapy ~~entitled according to~~ of claim 25, further comprising administering where the carrier cell in step (c) is grown infected with an oncolytic virus and a GM-CSF expression virus vector to produce a carrier cell infected with an oncolytic virus and a GM-CSF expression virus vector.

18. (Withdrawn - Currently amended) The method of cancer gene therapy ~~entitie according to-of~~ claim 25, further comprising: administering ration at least one composition selected from the group consisting of

an iron preparation and/or

a porphyrin compound,

together with the oncolytic virus infected carrier cell in step (d).

19. (Withdrawn - Currently amended) The method of cancer gene therapy ~~entitie according to-of~~ claim 25, further comprising:

administering ~~ration~~ a tumor cell ~~for to produce~~ tumor vaccination, at a time selected from the group consisting of; together with, before, or after and concurrent with administering ration of the virus for immunological treatment.

20. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to-of~~ claim 2, wherein the virus for immunological treatment is at least one virus selected from the group consisting of a non-proliferative virus type and/or an inactivated virus.

21. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to-of~~ claim 2, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, a human derived cancer cell, and a-human normal cell.

22. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to-of~~ claim 3, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, a-human derived cancer cell, and a-human normal cell.

23. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to-of~~ claim 20, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, a-human derived cancer cell, and a-human normal cell.

24. (New) A drug kit for cancer therapy comprising:

- (a). a virus for immunological treatment, which when administered to an animal produces a Cytotoxic T lymphocytes (CTL) reaction within the animal after administering a carrier cell and which is non-proliferative;
- (b). the carrier cell, which when grown with an oncolytic virus becomes infected with the oncolytic virus so when the carrier cell is administered to the animal the oncolytic virus acts on a tumor cell within the animal; and
- (c). the oncolytic virus, which is the same type of virus as the virus for immunological treatment and which is proliferative in the tumor cell.

25. (New) A method of cancer gene therapy comprising:

- (a). administering a virus for immunological treatment to a patient to induce a Cytotoxic T lymphocytes (CTL) reaction within the patient after administering a carrier cell, wherein the virus for immunological treatment is non-proliferative;
- (b). waiting a period after administering the virus for immunological treatment before continuing with the method of cancer gene therapy;
- (c). after waiting the period, growing a carrier cell with an oncolytic virus to produce an oncolytic virus infected carrier cell, wherein the oncolytic virus is the same type of virus as the virus for immunological treatment; and
- (d). administering the oncolytic virus infected carrier cell, at least one time, to the patient to make the oncolytic virus act on a tumor cell within the patient, and wherein the oncolytic virus is proliferative in the tumor cell.